

Claims

- [c1] A flowmeter comprising:
instantaneous flow rate detection means for detecting an instantaneous flow rate of fluid;
fluctuation determination means for determining whether the instantaneous flow rate of the fluid pulses or not; and
stable flow rate calculation means for calculating a stable flow rate of the fluid by using different flow rate calculation programs based on the instantaneous flow rate value measured by the instantaneous flow rate detection means according to a determination result of the fluctuation determination means.
- [c2] A flowmeter according to claim 1, wherein the fluctuation determination means determines whether the instantaneous flow rate of the fluid pulses or not, by determining whether or not a variation amplitude of the instantaneous flow rate of the fluid is equal to or greater than a predetermined value.
- [c3] A flowmeter according to claim 1, wherein the instantaneous flow rate detection means detects the instantaneous flow rate by using an ultrasonic wave.

[c4] A flowmeter according to claim 1, wherein the instantaneous flow rate detection means detects the instantaneous flow rate by using heat.